

REMARKS/ARGUMENTS

The Office Action dated September 10, 2004 has been received and its contents carefully considered. Claims 1-26 are pending. Claims 1, 2, 6, 10-19 and 21-24 have been rejected. Claims 4-7, 10, 14, 15 and 21-26 have been amended. Claims 1-3, and 18-20 have been cancelled. Claims 27 and 28 have been added.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in view of the following remarks.

CLAIM OBJECTIONS

Claims 1, 3, 6, 8-10, 14-18, 20, 25 and 26 were objected to because of informalities. The claim language has been amended in order to provide additional clarification. It is believed that the aforementioned claims are in compliance.

ALLOWABLE SUBJECT MATTER

The Examiner indicated allowable subject matter in claims 3 and 20 of the previous Office Action. Claims 3 and 20 have been rewritten in independent form as claims 27 and 28 respectively. It is respectfully submitted that the cited prior art does not teach, *inter alia*, an adjusted percentage gas sensor lifetime hours measurement normalizing the adjusted measurement to an hour count stored as a percentage of lifetime hours used at a temperature 20 degrees Celsius as recited in claims 27 and 28. Claim 10 has been amended to also incorporate the allowable subject matter as indicated by the Examiner in the previous Office Action.

Claims 2 and 3 have been cancelled.

Claims 4-9 depend ultimately from independent claim 27 and are patentable over the cited prior art for at least the same reasons as is claim 27.

Claims 11-17 depend ultimately from independent claim 10 and are patentable over the cited prior art for at least the same reasons as is claim 10.

Claims 19-20 have been cancelled.

Claims 21-26 ultimately depend from independent claim 27 and are patentable over the cited prior art for at least the same reasons as is claim 27.

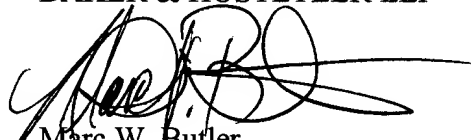
CONCLUSION

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. If it is believed that the application is not in condition for allowance the Examiner is requested to contact the undersigned attorney if it is believed that such contact will expedite the prosecution of the application.

In the event this paper is not timely filed, Applicants petition for an appropriate extension of time. Please charge any fee deficiencies or credit any overpayments to Deposit Account No. 50-2036.

Respectfully submitted,

BAKER & HOSTETLER LLP



Marc W. Butler
Reg. No. 50,219

Date: 9/20/04
Washington Square, Suite 1100
1050 Connecticut Avenue, N.W.
Washington, D.C. 20036-5304
Telephone: 202-861-1500
Facsimile: 202-861-1783